

Title (en)

Substituted 2-thiazolyl tetrazolium salt indicators.

Title (de)

Substituierte 2-Thiazolyl-tetrazolium-Salze als Indikatoren.

Title (fr)

Sels substitués de 2-thiazolyl-tétrazolium comme indicateurs.

Publication

EP 0476456 A2 19920325 (EN)

Application

EP 91115073 A 19910906

Priority

US 58565090 A 19900919

Abstract (en)

2-Thiazolyl tetrazolium salt compounds characterized by a reflectance spectrum exhibiting an extended plateau above about 600-650 nm. Such compounds are useful as chromogenic indicators for reducing substances such as NADH. The reflectance plateau confers improved accuracy to analytical assays, particularly for the determination of analytes of medical diagnostic significance, in which a colorimetric response on a reagent carrier matrix is measured by reflectance.

IPC 1-7

C07D 417/04; **C07D 417/14**; **C12Q 1/00**; **C12Q 1/26**; **G01N 33/52**

IPC 8 full level

C07D 417/04 (2006.01); **C07D 417/14** (2006.01); **G01N 31/22** (2006.01); **G01N 33/50** (2006.01); **G01N 33/52** (2006.01)

CPC (source: EP US)

C07D 417/04 (2013.01 - EP US); **C07D 417/14** (2013.01 - EP US); **Y10T 436/141111** (2015.01 - EP US); **Y10T 436/16** (2015.01 - EP US); **Y10T 436/184** (2015.01 - EP US)

Cited by

US6466355B1; WO2008075565A1; US6207292B1; US6344918B1; US6930815B2; US9448212B2

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DOCDB simple family (publication)

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EP 91115073 A 19910906; AT 91115073 T 19910906; AU 8367191 A 19910905; CA 2049237 A 19910815; DE 69128180 T 19910906; ES 91115073 T 19910906; JP 26539391 A 19910918; US 85477392 A 19920402